RESEARCH ORIENTATION

September 28, 2023
The Audion, STAR Campus
UD — A major research university

- Over 18,800 undergraduate students / 4,450 graduate students / 1,300 faculty
- Among 146 Carnegie Foundation “R1: Doctoral Universities – Very high research activity”
- Among Top 100 institutions for Federal Science and Engineering Obligations (without our own medical school).
- 74th nationally in total R&D expenditures (excluding medical school expenditures) — Ahead of 19 AAU institutions, including Brown, Dartmouth, Northwestern, Rice, Stony Brook, University of Chicago and Yale.
INTERNAL
Research Office Organization Chart

VICE PRESIDENT FOR RESEARCH, SCHOLARSHIP AND INNOVATION

RESEARCH OFFICE PROPER
- Research Administration
- Federal Relations
- Research & Regulatory Affairs
- Research Development
- Research Communications
- Office of Economic Innovation & Partnerships (OEIP)

CORE FACILITIES
- Advanced Materials Characterization Lab (DIMR-AMCL)
- Bio-Imaging Center (DBI-Bio-Imaging)
- Center for Biomedical & Brain Imaging (CBBI)
- Center for Human Research Coordination (CHRC)
- Center for Bioinformatics & Computational Biology (DBI-CBCB)
- DNA Sequencing & Genotyping Center (DBI-DNA)
- Materials Growth Facility (DIMR-MGF)
- Office of Laboratory Animal Medicine (OLAM)
- Pearson Hall Makerspace
- UD Nanofabrication Facility (DIMR-UDNF)
- W. M. Keck Center for Advanced Microscopy & Microanalysis (DIMR-Keck)

CENTERS/INSTITUTES
- Center for Plastics Innovation (CPI)
- Data Science Institute (DSI)
- Delaware Biotechnology Institute (DBI)
- Delaware Energy Institute (DEI)
- Delaware Environmental Institute (DENIN)
- Disaster Research Center (DRC)
- Institute of Energy Conversion (IEC)
- National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)

INITIATIVES
- Delaware IDeA Network of Biomedical Research Excellence (NIH INBRE)
- Delaware Established Program to Stimulate Competitive Research (NSF EPSCoR)
- DE-CTR Accelerating Clinical and Translational Research (NIH ACCEL-CTR)

OTHER
- The Innovation Space

CAMPUS SEED GRANTS
- General University Research Program
- UD Research Foundation (UDRF)
- UDRF Strategic Initiative Awards (UDRF-SI)
Research Office Mission

• Advance the University’s research enterprise
• Build leading-edge research programs from existing strengths
• Develop new strengths aligned with UD’s strategic plan
• Promote the application, impact and awareness of UD research and creative endeavors
Forward and Forever: UD’s Strategic Plan

• Expanding student access and success
• Building a social justice foundation to support a diverse, inclusive and intercultural campus
• Expanding interdisciplinary and global opportunities
• Redefining creativity, innovation and entrepreneurship
• Reimagining intellectual and physical capital for a sustainable and boundless campus
Richard Heck, 2010 Nobel Laureate in Chemistry

UD launches **Center for Clean Hydrogen** in 2022 to accelerate sustainable energy technology development.

Touch-imaging technology was invented at UD and acquired by Apple.
UD — A place for world-class research, scholarship & innovation

UD’s art conservation students and graduates have preserved numerous irreplaceable objects, from the Declaration of Independence, to works of art by Picasso, to the world’s first photograph.

UD scientists built Solar One — the first house to be fully powered and heated by the energy of the sun.

UD is now working on the next-generation spacesuit for missions to the moon and Mars.

UD is home to the largest biopharmaceutical manufacturing innovation consortium in the world.
Sponsored Program Expenditures

A FIVE-YEAR REVIEW
Total Sponsored Expenditures
A Five-Year Review & FY23 Projection

Dollars in Millions

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Sponsored Expenditures</th>
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<tbody>
<tr>
<td>2018</td>
<td>218.5</td>
</tr>
<tr>
<td>2019</td>
<td>241.7</td>
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<tr>
<td>2020</td>
<td>245.1</td>
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<tr>
<td>2021</td>
<td>258.0</td>
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<tr>
<td>2022</td>
<td>305.3</td>
</tr>
<tr>
<td>2023</td>
<td>326.7</td>
</tr>
</tbody>
</table>

Fiscal Year = July 1 through June 30

Period 991 as of 9/8/2023

Preliminary FY23 Total Sponsored Expenditures

326.7
FY23 Sponsored Program Expenditures

FY23 Total Sponsored Program Expenditures increased 7% over FY22.
Sponsored Research Expenditures
A FIVE-YEAR REVIEW & FY23 PROJECTION

Fiscal Year = July 1 through June 30
FY23 Sponsored Research Expenditures

- 15.7% Department of Commerce
- 7.8% Department of Defense
- 5.5% Department of Energy
- 19.6% Health and Human Services
- 16.2% National Science Foundation
- 1.8% Other
- 8.9% Other Federal
- 6.5% State of Delaware
- 18.0% Federal Flow-Through

* Preliminary FY23 Total Sponsored Expenditures provided in period 991 report
$3M awarded for civil discourse program

Delaware CTR-ACCEL Program receives $19.6M renewal

Amy Slocum appointed Delaware EPSCoR director

Jing Gao, 1 of 4 new NSF CAREER Award winners

James M. Jones, Anthony M. Kossiakoff elected to National Academy of Sciences

NIIMBL advances research, workforce initiatives

FinTech Innovation Hub opens
A Few Facts from FY23

- 1,477 Proposals Submitted
- 703 New Awards Received
- $389 Million Total New Awards
- 2,126 Active Awards
- $2.5 Billion Requested in Funding
- 1,789 IRB Submissions Processed
- 119 Animal Protocols
- 43 Material Transfer Agreements
- 5,920 Effort Certification Reports
Leading Institutes

- Center for Plastics Innovation (CPI)
- Data Science Institute (DSI)
- Delaware Biotechnology Institute (DBI)
- Delaware Energy Institute (DEI)
- Delaware Environmental Institute (DENIN)
- Disaster Research Center (DRC)
- Institute of Energy Conversion (IEC)
- National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)
Research Excellence

- **Faculty of excellence**: Members of National Academy of Sciences; National Academy of Education; National Academy of Engineering; National Academy of Inventors. More than 70 recipients of NSF CAREER awards since 2000.

- **Major grants from NSF, NIH, NEH, Departments of Defense, Energy, Commerce**: Environmental Science and Policy ($25 Million); Biomedical Research Infrastructure ($25M); Clinical Translational Research ($20M); Biopharmaceutical Manufacturing Innovation ($430M); Materials Discovery ($18M), Plastics Innovation ($12M).
Seed Funding and Limited Submissions

General University Funds
UD Research Foundation
Limited Submissions ListServ

https://research.udel.edu/research-development/funding-opportunities/
IDeA and EPSCoR

Delaware INBRE
Delaware’s Biomedical Research Catalyst
“Building X,” under construction along East Delaware Avenue, will be a science collider for psychology, neuroscience, biology, physics and quantum science.

The FinTech Innovation Hub, a public-private partnership, is focusing on making financial systems work better, more securely and more equitably for all.
It’s a bold idea, an inspiring vision, growing ever-brighter as a nexus for discovery, education and business through public-private partnerships.

At the University of Delaware’s Science, Technology and Advanced Research Campus we’re combining top academics and research, with industry and community partnerships. Together, we’re turning new knowledge into positive impact for the world.
Explore Our World!
Thank you!

For more information, contact:

Kelvin H. Lee, Interim VPR for Research, Scholarship and Innovation: vpr@udel.edu

Tracey Bryant, SD Research Communications: tbryant@udel.edu

Jeffrey Friedland, AVP Research Administration: jeffreyf@udel.edu

Cordell Overby, AVP Regulatory Affairs: overbyc@udel.edu

Eric Wommack, SAVP for Research: wommack@udel.edu
UD RESEARCH ORIENTATION
ENGAGING IN RESEARCH AT UD

Welcoming Remarks
Kelvin Lee, UD Interim Vice President for Research, Scholarship & Innovation

Research Office Overview
Research Administration
Research and Regulatory Affairs
Research Communications
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Research Development

IDeA Programs & EPSCoR

Research Mentoring
Undergraduate Research

Campus Resource Introductions
Proposal Award Lifecycle

Project Development & Funding:
- Principal Investigator (PI)
- Collaborating Investigator(s)
- Mentor(s)
- Program Director
- University RDO
- University Library
- University Corporate & Foundation Relations

Award Closeout:
- College/Department Grants Analyst
- Principal Investigator (PI)
- RO Sponsored Research Accountant

Award Preparation:
- College/Department Grants Analyst
- Principal Investigator (PI)
- RO Contract & Grants Specialist
- Collaborating institution(s)
- Research Communications

Award Negotiation & Setup:
- College/Department Grants Analyst
- Principal Investigator (PI)
- RO Contract & Grants Specialist
- Subaward Specialist
- Sponsor
- Office of Economic Innovation & Partnerships - OEIP

Award Management:
- College/Department Grants Analyst
- Principal Investigator (PI)
- RO Contract & Grants Specialist
- RO Sponsored Research Accountant
- Research Compliance Office
- University Procurement
- OEIP
## Research Administration – Pre-Award Services

### Role of a Contract & Grants Specialist (C&G)

<table>
<thead>
<tr>
<th>Proposal Submission</th>
<th>Award Negotiation/Set-up</th>
<th>Post-Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Review proposal prior to submission</td>
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<tr>
<td>- UD/Sponsor Compliance</td>
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<tr>
<td>- UD Approvals</td>
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<tr>
<td>- Submit proposals</td>
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<tr>
<td>- Submit post submission materials (ex: revised budgets)</td>
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<tr>
<td>- Authorized Representatives</td>
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<tr>
<td>- Review award terms/conditions</td>
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<tr>
<td>- Negotiate terms/conditions, as needed</td>
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<tr>
<td>- Ensure certifications are in place (IRB/IACUC/rDNA)</td>
<td></td>
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<tr>
<td>- Issue subawards</td>
<td></td>
<td></td>
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<tr>
<td>- Set up awards with purpose codes in UD Financials (PeopleSoft)</td>
<td></td>
<td></td>
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<tr>
<td>- Authorized Representatives</td>
<td></td>
<td></td>
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<tr>
<td>- Answer award questions</td>
<td></td>
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<tr>
<td>- Review terms/conditions</td>
<td></td>
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<tr>
<td>- Secure sponsor approvals:</td>
<td></td>
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<tr>
<td>- Rebudgets</td>
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<tr>
<td>- No Cost Extensions</td>
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<tr>
<td>- Change of Scope</td>
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<tr>
<td>- Change of PI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Authorized Representative</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Assistant Directors
- Katie Brown, brownkt@udel.edu
- Laura Paller, lpaller@udel.edu
- Susan Tompkins, sdt@udel.edu
Roles of Post-Award Team

**Research Accountant**
- Review and submit financial reports
- Manage award closeouts
- Audit expenditure balance & activity to ensure allowability
- Assist with internal and external audits
- Provide guidance and interpretation of regulations and policies

**Billing and Receivables**
- Review award terms/conditions
- Set up billing and payment terms in UD Financials (PeopleSoft)
- Submit invoices and drawdown letter of credit payments
- Manage collections activities and follow up on aged receivables

**Financial Compliance**
- Initiate effort certification process
- Verify data within effort certification submission in compliance with UD policy
- Manage single audit and respond to audit inquiries
- Review salary and fringe

**Assistant Director**
Dave Griffith, daveg@udel.edu
Non-Financial Research Compliance

Research Office - Regulatory Affairs:

Cordell Overby, Sc.D.
Assoc. VP for Res. & Regulatory Affairs
overbyc@udel.edu

Sean Hayes, Ph.D., J.D.
Director of Res. Regulatory Affairs
hayes@udel.edu

Maria Palazuelos, Ph.D.
Director of Res. Compliance
mariapi@udel.edu

Gwen Talham, D.V.M.
Attending Veterinarian
gtalham@udel.edu

Environmental Health & Safety:

Krista Murray
Director
klmurray@udel.edu
RESEARCH COMMUNICATIONS
Increasing UD’s visibility as a research powerhouse
MEET THE TEAM

Tracey Bryant
OCM Senior Director for Research Communications

Beth Miller
OCM Science Writer

Karen Roberts
OCM Science Writer

David Barczak
Research Office Communications Manager
Our mission is central to the University’s mission

We help carry out UD’s

“commitment to increasing and disseminating scientific, humanistic, artistic and social knowledge for the benefit of the larger society.”

EXCERPT FROM UNIVERSITY OF DELAWARE MISSION STATEMENT
MAJOR GOAL:
Elevate UD’s visibility as a top research institution

MANY IMPACTS:
• Boost faculty/student recruitment
• Attract research partners and funding
• Increase public literacy about complex topics
When should you reach out to us?

- Your article has been accepted by a peer-reviewed journal
- You’ve won a grant, patent, award
- You’ve been contacted to do a media interview
- You want to write an op-ed
- You’ll be doing fieldwork in a cool place
- You have great photos/video to share
Getting your research highlighted on UDaily & beyond

VITAMIN B12 AND ALZHEIMER’S

A UD study with worms provides intriguing results

Worms don't wiggle when they have Alzheimer's disease. Yet something helped worms with the disease hold onto their wiggle, according to research led by UD faculty and students.

Professor Jessica Tanis and doctoral student Andy Lam examine tiny worms (C. elegans) under the microscope for signs of Alzheimer's disease.
Engaging the public in exploration
Graduate education is a powerful catalyst, promoting change in individuals, industries and institutions. And the students pursuing these advanced degrees bring their own indispensable power to every discipline — fresh perspectives, new questions and partnerships that add depth and dimension to our understanding of the world.

Learn more

- Graduate student posting his story to social media (Instagram, Facebook, LinkedIn) received more than 1,000 views on each platform
- New faculty research collaborations
- Media interest by NHK World-Japan, Scripps Television, Jewish Historical Society of Delaware, Delaware First Media
At some point in history — and not all that long ago — we did not know what in the world we were made of. We did not know anything about genes or cells or microbes or what made them all fit together.

We may have known the kneecap bone was connected to the thigh bone, but we didn’t know anything about the ligaments that held up those connections, or how all of that mattered to our muscles or why some old men had a lot more trouble walking than their grandchildren did.

For a long time, we didn’t know anything about bacteria or viruses either. We had
Confidence in science fell in 2022 while political divides persisted, poll shows

What’s at stake?

Americans’ Trust in Scientists, Other Groups Declines

AI threatens humanity’s future, 61% of Americans say: Reuters/Ipsos poll

Most Americans Say College Is No Longer Worth the Cost

Artificial Intelligence
COMMUNICATIONS TRAINING FOR UD RESEARCHERS

PROGRAM COMING IN 2024!

• Strengthen your ability to connect with public audiences
• Boost public understanding and appreciation of the value of research and its positive impact on our lives
• Provide professional development for graduate students and postdocs, preparing them for future careers
• Elevate UD’s visibility as a trusted source of information

Funded by a grant from the Unidel Foundation, Inc.
Thank you!

For more information, contact:

Tracey Bryant
Sr. Director, Research Communications
tbryant@udel.edu OR udresearch@udel.edu
Research Development

Eric Wommack, Senior Associate Vice President for Research

• Provide services that maximize research, creative and scholarly activities of faculty & staff. Advance the UD research enterprise through sponsored programs activities.

• Multifaceted goals: PI education & development, research communications, opportunity management, grant facilitation, strategic partnering

• Overcome disciplinary and administrative barriers by working with central Univ. offices, Colleges, OEIP, CFR, Institutes & Centers, Depts., Core Facilities and others.
Ciara O’Connell

Research Development Manager

- Primary **point of contact** for Research Development activities
- Strategic & active management of programs & services
  - Coordinate RDT proposal development efforts
  - Provide **project management** for large-scale, multi-disciplinary and/or multi-institutional proposals
  - Develop & execute Univ. **Seed Grant programs** (UDRF, GUR, & Chemours)
  - Coordinate **Limited Submission competitions** (50+ calls per year)
- Serve a liaison with other UD units including Office of Economic and Innovation Partnership (OEIP), Corporate & Foundation Relations (CFR), Research RO Administration, Provost and President offices, and College leadership.
- Facilitate **institutional commitment requests & cost-share** process
Jessica Mankus  
*Grant Facilitator*

- Provide detailed proposal development assistance including:
  - **Project management** through all stages of proposal development and refinement
  - Establishing an **understanding of proposal requirements**, agency mission and **culture**, and program objectives
  - Editing proposals with specific focus on the **narrative & summary** sections, and **supplemental documents** (Facilities, Data Management, PDR Mentoring Plan)
  - Assist in addressing the **sponsor’s “impact areas”** such as K-12 education, workforce development, stakeholder impacts, diversity, equity, inclusion and accessibility, and others.
  - Coordinating timely **workflow** of proposal preparation & submission.
Jenn Roth

Research Education Manager

- Develop & coordinate seminars, conferences, workshops & symposia (RCR Training, RO Workshop Series)
- Manage programmatic logistics & content for PI professional development (NIH & NSF CAREER Academies)
- Manage external consultants
- Oversee implementation & execution of research learning tools & technology

Dave Barczak

Research Communication Manager

- Creation, coordination & distribution of Research e-Newsletter; design digital edition of UD Research Magazine
- Provide client support, consult and training for research-related web services
- Provide graphic & presentation support for major proposal endeavors (by request & with VPR approval)
# Research Office Events Fall 2023

<table>
<thead>
<tr>
<th>DATE</th>
<th>EVENT</th>
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<tbody>
<tr>
<td>October 12th</td>
<td>NIH 101 Workshop</td>
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<tr>
<td>12:00-1:30</td>
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<tr>
<td>October 26th</td>
<td>NSF 101 Workshop</td>
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<tr>
<td>12:00-1:30</td>
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<tr>
<td>November 9th</td>
<td>Broader Impacts*</td>
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<tr>
<td>10:00-4:00</td>
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<tr>
<td>November 30th</td>
<td>DOE 101 Workshop</td>
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<tr>
<td>12:00-1:30</td>
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<tr>
<td>December 14th</td>
<td>USDA 101 Workshop</td>
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<tr>
<td>12:00-1:30</td>
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</table>
UD RESEARCH ORIENTATION
ENGAGING IN RESEARCH AT UD

Welcoming Remarks
Kelvin Lee, UD Interim Vice President for Research, Scholarship & Innovation

Research Office Overview
Research Administration
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Office of Economic Innovation and Partnerships
Research Development

iDeA Programs & EPSCoR
Melinda Duncan – Associate Vice President for Research & Principal Investigator, Delaware INBRE
Amy Slocum – Director, Delaware EPSCoR

Research Mentoring
Undergraduate Research
Campus Resource Introductions
What is the IDeA Program?

The Institutional Development Award Program is a Congressionally mandated program funded by the National Institutes of Health designed to **build research capacity** in states that have historically had low levels of NIH funding.

Funds faculty research, research core facilities, professional development and student training/workforce development depending on mechanism.
IDeA funding mechanisms active in Delaware

IDeA Network of Biomedical Research Excellence (INBRE)
Faculty research, core facilities, data science, and undergraduate research experiences/education for ALL scientific disciplines within NIH’s scope

IDeA Clinical and Translational Research Programs (CTR)
Faculty research and core facilities relevant to all research along the clinical/translational spectrum (pre-clinical to implementation of research within communities). Most funded research MUST have a clinical component

IDeA States Pediatric Clinical Trials Network (ISPCTN)
Consortium to increase pediatric clinical trials in IDeA states

IDeA States Regional Entrepreneurship Development (I-RED)
UD/company partnership to develop educational materials/programs to educate IDeA state researchers in entrepreneurship opportunities

https://www.nigms.nih.gov/Research/DRCB/IDeA/Pages/default.aspx
Centers for Biomedical Research Excellence

Fund faculty research/mentoring and core facilities in a particular research area

- Discovery of Chemical Probes and Therapeutic Leads COBRE at UD
- Delaware Center for Neuroscience Research at DSU
- The Delaware Comprehensive Sickle Cell Research Center at Nemours
- Center of Biomedical Research Excellence in Cardiovascular Health at UD
- Research Expanding Access to Child Health (REACH) at Nemours
- Delaware Center for Musculoskeletal Research at UD
IDeA co-funding of R awards

If a grant misses an institute payline but your program officer wants to fund you...

Can nominate you for “IDeA co-funding” where NIGMS/IDeA will fund the grant for up to 375K/year for two years if the nominating institute can pick up the rest of the funding.

Can be helpful, two such awards are active in Delaware, but this is not where most IDeA funding goes...
What is DE-INBRE?

Our Mission:

- Delaware INBRE supports state-of-the-art research **core facilities**, investigator-driven basic/translational biomedical **research projects**, and **student** biomedical research internships across the First State.
- These activities train the workforce needed for Delaware's non-profit, academic and industrial researchers to discover ways to improve the health of Delawareans while increasing the competitiveness of Delaware's investigators for federal biomedical research funding.
DE-INBRE Opportunities

Support for undergraduate students to work on your research via the Student research program

Most funding is for paid 10 week summer internships but some academic year support is available for low income students

Vouchers to access Research Core Facilities

Currently open for applications, are reviewed every two weeks until this year's funding is given out

Pilot study funding via our Developmental Research Pilot Project (DRPP) Program

Next letter of Intent due October 2nd, not too late to send one in as these DON’T need to go through the UD grants system

Other research development support
INBRE and CTR co-support: the Junior investigators network (JIN), weekly professional development meetings

The NIH academy: intensive grant writing education/mentoring for NIH grant success
Stop by our table to learn more about the IDeA programs or visit the program websites for more information!

- DE-INBRE Website: [https://de-inbre.org/](https://de-inbre.org/)
- DE CTR ACCEL Website: [https://www.de-ctr.org/](https://www.de-ctr.org/)
- IDeA Co-Funding Information: [https://nigms.nih.gov/Research/DRCB/IDeA/Pages/IDeA-Co-funding.aspx](https://nigms.nih.gov/Research/DRCB/IDeA/Pages/IDeA-Co-funding.aspx)
States and territories awarded less than 0.75% of NSF funding
EPSCoR Goals

- CATALYZE
- EDUCATE
- BROADEN PARTICIPATION
- ENGAGE
- IMPACT OVER TIME
EPSCoR Impact

Strategic intent: Develop a competitive research capability

2003 - NSF EPSCoR eligible
2005 - NSF RII-1 (Broad biotech/environmental focus)
2008 - NSF RII-2 (Focused environmental theme)
2013 - NSF RII-3 (Environmental focus/alternative energy)
2018 - NSF RII-4 (Water in a Changing Coastal Environment)
2011 - NSF C2 (NorthEast Cyberinfrastructure Consortium)
NSF Track 2 FEC: (1) Water monitoring 2013; (2) Neuroscience 2016; (3) Phenome to Genome 2017
NSF Track 4: (1) Remote Sensing 2018; (2) Soil Science 2017; (3) Materials Science 2019; (4) Physics 2018
NSF BEC: Brain and Behavior 2022

Faculty Growth (23 out 25 are still in Delaware)

Capacity Building:

EPSCoR Investments have catalyzed an additional 293 NSF awards:
$88.5M - 198 research awards
$19.0M - 7 center awards
$16.0M - 43 education awards
$10.0M - 27 CAREER awards
$ 4.0M - 8 equipment awards
$ 1.5M - 10 innovation awards

Economic Development
• 75 patents
• 17 new products
• 5 new businesses
What EPSCoR Status Means for You?

1. NSF EPSCoR Co-Funding
2. Red Team Reviews/Proposal development support
3. Support for research activities (interns, travel, & supplies)
4. Connection to broader EPSCoR Communities (local/national)
5. Connection to mentors and potential collaborators/partners
Useful NSF Resources

- NSF Webpage: [NSF.gov](https://www.nsf.gov)
- NSF Funding Opportunities: [https://new.nsf.gov/funding/opportunities](https://new.nsf.gov/funding/opportunities)
- NSF Toolkit: [www.nsf.gov/about/congress/toolkit.jsp](https://www.nsf.gov/about/congress/toolkit.jsp)
- Customizable NSF Alerts: [https://service.govdelivery.com/accounts/USNSF/subscriber/new](https://service.govdelivery.com/accounts/USNSF/subscriber/new)
- ProSPCT: Program Suitability & Proposal Concept Tool: [https://suitability.nsf.gov/s/]  
- NSF Staff Directory: [www.nst.9ov1statt1](https://www.nst.9ov1statt1)
Questions?

Email: als@udel.edu
Phone: 302-345-5409
UD RESEARCH ORIENTATION
ENGAGING IN RESEARCH AT UD

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Kelvin Lee, UD Interim Vice President for Research, Scholarship & Innovation

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Research Mentoring
Louis Rossi – Dean, Graduate College
LaRuth McAfee – Senior Assistant Dean, Graduate College

Undergraduate Research

Campus Resource Introductions
Research Mentoring

Lou Rossi and LaRuth McAfee
Graduate College
28 September 2023
The Graduate College supports graduate and postdoctoral research in many ways

- Mentor training
- iThenticate - discussions around plagiarism
- Direct fellowship funding
- Graduate student travel
- Research communication training, preparation and opportunities
Graduate College Research Mentorship Initiative

**Mentorship Symposium** - Thursday, September 28th, 2pm-5pm with reception 5pm-7pm
- Highlights - UD mentoring award recipient panel, keynote by national mentoring expert

**Culturally Aware Mentor (CAM) Workshop** - Fridays, September 29th and October 6th, 9am-1pm each day
- Focus on mentoring people of different backgrounds, esp. racially/ethnically

**General research mentor training** - Fridays, October 20th and 27th, 9am-1pm each day
- Core topics covered - effective communication, expectation alignment, mentoring action plans

Contact LaRuth McAfee (mcafee@udel.edu) about these or future mentorship events.
UD Research Mentor Training Series

Topics to be covered:
- Maintaining Effective Communication
- Addressing Equity and Inclusion
- Aligning Expectations
- Fostering Independence
- Promoting Professional Development
- Mentoring Action Plan

55 faculty participated last year, representing 34 campus units!

Contact LaRuth McAfee (mcafee@udel.edu) about future training events. Upcoming: late October, early January, and Spring 2024 (dates TBD).
Proactive advising:
iThenticate for theses, ALPs and manuscripts

A recording will be hosted on their site. It’s linked from our community portal (bottom of web page).

Answer to a common question: It just provides data that may lead to a conversation. It does not arrive at a conclusion.

Based on conversations during and after training, most faculty want their own accounts and plan to use it early in the drafting process. We have enough licenses to support that need.
Questions?
UD RESEARCH ORIENTATION
ENGAGING IN RESEARCH AT UD

Welcoming Remarks
Kelvin Lee, UD Interim Vice President for Research, Scholarship & Innovation

Research Office Overview
Research Administration
Research and Regulatory Affairs
Research Communications
Office of Economic Innovation and Partnerships
Research Development

IDeA Programs & EPSCoR

Research Mentoring

Undergraduate Research
Katherine Feldkamp – Graduate Assistant, Undergraduate Research Program

Campus Resource Introductions
Undergraduate Research Office

- **UDRAW** (UD Research Apprenticeship Work-Study, beginning of fall and spring)
- **Winter Fellows** (application will open late fall)
- **Summer Scholars** (application open Jan. 3 to early March)
- **Summer Fellows** (application open April – closes two weeks after opening)
- **McNair Scholars** (application currently open)
- **Senior Thesis** (recruit students at beginning of fall or spring semester)
Undergraduate Research and McNair Scholars Programs

https://www.urp.udel.edu/

Dr. Rosalie Rolón-Dow, Faculty Director
rosa@udel.edu

Dr. Lauren Barsky, Associate Director
lbarsky@udel.edu

undergradresearch@udel.edu
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Campus Resource Introductions
Paige Morgan – *Library Support, Research Data Management & Federal Public Access Mandate*
Scott Mangieri – *Senior Director, Corporate & Foundation Relations*
Corporate & Foundation Relations
WHAT IS CFR?

**Central** point of contact

Establishes **new** and enhances **existing** relationships

**Matches** corporations/foundations to **faculty** and **resources**

**Works** closely with other units on campus
CFR supports all aspects of the award lifecycle, from prospect identification and proposal preparation through award management and stewardship (reporting).
Industry partners seek connection with remarkable talent and resources here at UD.

Career Services, Research, Professional & Continuing Education, OEIP, and Development are the core entry points for interface with industry.

Corporations INVEST in higher education—they don’t simply donate money—they seek mutually beneficial partnerships.
<table>
<thead>
<tr>
<th>Corporate Lead</th>
<th>Foundation Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lerner College of Business</td>
<td>College of Arts &amp; Sciences</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>College of Education &amp; Human Development</td>
</tr>
<tr>
<td>College of Earth, Ocean &amp; Environment</td>
<td>Biden School of Public Policy</td>
</tr>
<tr>
<td>College of Agriculture &amp; Natural Resources</td>
<td>Graduate College</td>
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<tr>
<td>Athletics</td>
<td>Honors College</td>
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<tr>
<td>Horn Entrepreneurship</td>
<td>Diversity Initiatives &amp; Student Life</td>
</tr>
</tbody>
</table>
Thank you!
For more information, contact:

Kelvin H. Lee, Interim VPR for Research, Scholarship and Innovation: vpr@udel.edu
Tracey Bryant, SD Research Communications: tbryant@udel.edu
Jeffrey Friedland, AVP Research Administration: jeffreyf@udel.edu
Cordell Overby, AVP Regulatory Affairs: overbyc@udel.edu
Eric Wommack, SAVP for Research: wommack@udel.edu